VISTA V2

Simple, Powerful, Visual

Software Patch Release Notes

Software version:	2.2.11191	Released on:	5 April 2013
Supersedes version:	2.2.10545	Released on:	5 October 2012

Software Release Notification

Application installation packages for this software release are available for consoles, Windows PC and Mac OSX.

Installation of this software version on an L5, T4, T2 or I3 will require using the ISO image file to update if you have not already installed software version 2.2.10545. If you have already installed that version then you can apply the update package.

New Features and Improvements

- Implemented a "Show Clean Up" function. It cleans up presets, fixture selections, redundant/hidden cue events.
- Updated the GUI for multi-element selection modes
- S3/L5/I3/T2/T4 Firmware update v779 - improves a reliability of encoders somewhat
- Arm and jump has been reverted to it's older and better implementation
- Manual crossfader support for Arm and Jump has been removed until it can be implemented correctly
- Added a view fixture selection button to the Smart FX GUI
- Byron statistics window has been updated to have more detail for performance logging
- The system no longer does a full playback refresh every 2 seconds
- Added User Preference "Inhibit Fader Jitter" to eliminate fader jitter seen on some consoles. Default is set to low.
- Added reporting of CPU [cores] temperature values from 'coretemp' driver in the Byron Statistics Widget (only on Linux-consoles Tv4 tray, i3, or L5)
- Allow users to change the "Fader Action Threshold" all the way to zero (was previously limited to a minimum 5%)
- Added an "Apply" button to User Preferences Dialog
- Added support for "priority" to the sACN implementation

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- Enhanced CITP to cope with Media Servers that send PLOC messages very infrequently when they get busy sending thumbnails
- Streaming ACN now uses Byron's node name as the source for each universe packet
- Changed the cue selected colour to orange to make it more obvious
- Added a function to check and fix Mac installation.

Bugs fixed in this release

Bug	Description
3316	Swing effects using presets now use preset values. Displays the preset name and icon in the swing fx editor
3389	Cue Only now has an icon which changes to red when active
3776	Fixture labels no longer obscure DMX channel numbers in patch panel.
4112	Timeline summaries and cuelist modified state now respond to the setting and removing of real time effects
4145	There is now confirmation when deleting user fixture types in Fixture Type Editor
4518	Arrange in grid broken for multi-element fixtures: now it works in the most simple cases, but still not perfect if selecting multiple element configurations, or different zoom levels. Partially fixed.
4565	Timeline view filters no longer prevent presets from being applied properly
4759	Multi-element fixtures now selected in a logical order
4780	Faders on a primary slave console now follow the master
4835	Time Date Events now edits selected event due to sort order
4848	Arm and Jump now displays in the LCD playback displays
4881	Rotating a position wave effect no longer snaps and acts incorrectly
4883	Added 2 External Windows for the Mac and PC builds which mimic the Console external monitor behaviour
5064	Added a warning to auto move in black function when cues are below the minimum auto MIB length
5066	Copying and Pasting creating invalid data rendering fixture unusable in show
5072	Move In black now defaults to auto-follow
5090	Fix for HTP intensity chases competing with other cuelists or group masters.
5091	Cuelist no longer gets latched / stuck on when flash button pressed repeatedly
5117	A more universal fix for the multi-element renumbering problem
5188	External MIDI Ports no longer show up in Chinese Characters
5238	LCD GUI draw issue with page holdover and split playbacks
5239	Page holdover now works correctly
5241	A simple fixture type swap is now working again. Also multiple fixture types are updated when upgrading versions.
5295	LED buttons lighting up on M1 but not on mimic in console software
5360	Encoder sensitivities not saved if sensitivity reduced below factory defaults.
5367	Insert a mark cue now uses the default cue timings. Move In Black now remembers the previously created MIB time
5405	Crash when accessing non-wheel of ill-formed fixture
5410	Crash when setting MIDI
5411	Changed priority of Streaming ACN broadcast from 1 to 100 (valid range is 0 - 255).
5412	GUI Flash button LED has no red colour icon
5418	Crash due to a race condition in the visualisation of effect status
5422	Universe 3 producing random DMX values. Due to broken multi-element fixtures getting placed in the fixture pool after being swapped out.
5429	Software build history is saved with the show. And fixture type history is saved with the fixtures.
5434	Selection bug on I3 and other OS's. Fixtures now add to selection
5443	M1s no longer disconnect from system
5446	Red drag and drop indicator on cue transport tiles no longer gets stuck on
5447	Right-click drag cue and drop to paste no longer pastes copied cue in wrong location

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5451	Fixed a logic error leading to a crash
5459	Duplicated cuelists now preserve the MIB status.
5464	Dongle dropping out when run for more than 8 days continuously
5466	Crash when turning colour wheel encoder if selected fixtures have no wheels
5477	Store All Dialog no longer remembers phantom deleted cuelists.
5480	HES Studio Beam, colour no longer goes to white after ~2mins.
5486	Fixture selection (next and prev) with fanning modes has been fixed
5487	Remove redundant cuelist events no longer deletes necessary data from alias cues
5488	Fixed the delay when changing a swing effect with a large number of LEDs
5494	Clear Intensity, et al, no longer ignore fixture selections. They now only operate on the selected fixtures.
5502	Console crash from Michael Dietiker
5523	DBO LED on L5 not working. Added LED support for DBO and Info buttons.
5526	Application no longer crashes when opening a show where previous show had running effects
5531	Move in Black now works if previous cue is a block cue.
5538	Some shows take ages to load on OSX
5543	Multi-element fixture selection order wrong since split / group mode implementation
5544	Application no longer crashes when loading a show file created in 9945
5545	Distribute horizontally no longer broken
5554	Fixture output intensity view sorting no longer appears to be random
5558	Resizing preset dialog no longer stretches wrong section
5560	A fix for the pop'n fade issue that can occur on Intensity when mixing Fade All Features with HTP.
5565	Fixed crash in 2.2.11102 when selecting layout in an existing show file
5572	Move in Black broken in 2.2.11114
5581	Superplayback no longer gets stuck in playback mod
5582	MIDI on the T-consoles now works
5589	Fixed the highlight colour problem
5594	Chooser selection behaviour after Arrange in Grid
5600	Entire show name is now visible during start up
5605	Release on override no longer broken
N/A	Fixture ganging now respected when creating a smartfx
N/A	Fixed a crash when using copy and paste when ordered by ID
N/A	Fixed an issue where virtual console faders remained at full - until subsequently moved - after a show load if the physical faders were at zero.
N/A	Changed wording for 'Update Firmware' dialog on L5 (reflecting different requirements for a buttons pressed), also added type of USB console to the text for all other USB consoles;
N/A	Amber and white colour features are now supported by ColourMix swing effects, wave effects and video effects.
N/A	Fixed evaluation of DMX macros which were broken in by recent playback optimisation.
N/A	Fixed a bug that would prevent the user from loading a showfile by double clicking or using the command-line more than once.
N/A	Fixed a crash when shutting down Vista when there is an audio track present.

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Software Problems

We ask that users of the software report ALL cases of crashes or incorrect operation to support@jands.com. Please include as much detail as possible, such as:

- The full software version number you were using and platform.
- An exported copy of the showfile you were using.
- Crash logs or diagnostic reports if available. On a Linux console diagnostic reports can be generated by pressing CTRL+ALT+DEL and then exporting files in the same manner as crash logs.
- Detailed information about the problem you were seeing, what you were trying to do, and how you tried to do it. If possible, try to recreate the problem and tell us how. The three questions that help us help you are:-
    - What did you do?
    - What did you expect to happen?
    - What actually happened?
- A video or screen capture of the problem is an excellent way of showing us the bug.

Compatibility with Vista 1.13

Vista 1.13 fixture library files and show files CANNOT be used with Vista V2. Vista 1.13 patch files can be exported and subsequently imported into Vista V2.

Vista V2 and Vista 1.13 can be installed on the same computer, but should not be running simultaneously. If you intend to use Vista 1.13 and Vista V2 with an S3, S1, M1, UD512 or E2 wing, you will need to update Vista 1.13 to the latest release of that software (1.13.5295 or later). Please see Appendix D for more details on switching USB consoles between Vista V2 and Vista 1.13.

Jands Vista V2 includes many changes and enhancements from Vista 1.13. While the application functions similarly to Vista 1.13, time should be allowed for getting to know the software, as there are significant differences that may take time to get used to, in terms of both placement of functions and actual operation.

Installing the Vista V2 Console Image on a T2, T4 or I3 console installs both Vista 1.13 and Vista V2 software onto the console hard disk, allowing you to easily switch between using the Vista V2 software and the latest Vista 1.13 software by selecting the appropriate boot-mode during start-up.

To select the desired boot mode:

1. Start the console. Press the down arrow as soon as you see the large Vista logos. This will prevent the console from booting automatically.
2. Use the up and down arrows to choose one of the following the boot options:
    - **`Vista2 (Normal)`** – Vista V2

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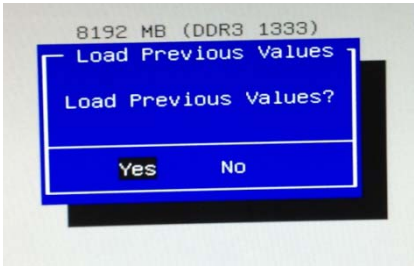
- **`Vista2 (VNC)`** – Vista V2 with VNC server running
- **`Vista1`** – Vista 1.13
- **`Vista1-VNC`** – Vista 1.13 with VNC server running

3. Press the Enter key to start the console in the selected mode. Note that if an I3 console is to be changed from Vista V2 to Vista 1.13, the red and yellow modifiers must be held down when powering up until “Vista 2.x” is displayed in the upper-left LCD.

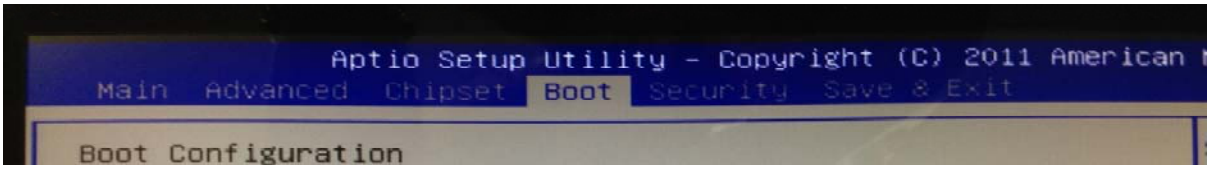
Installation Instructions (L5 Consoles)

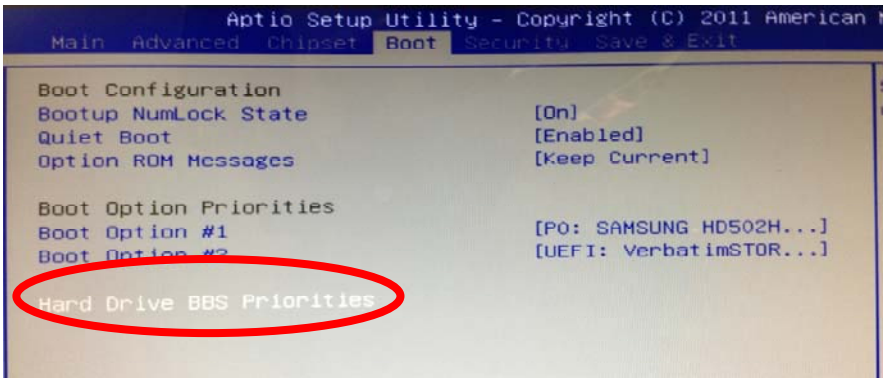
To install the Vista v2 Console Image:

1. Insert the USB device into a console USB port.
2. Power on console.
3. Press the “F2” button repeatedly while the console boots up until the console goes into the BIOS menu. (The screen will be upside down.) The following dialogue box will appear:



4. Select “No” and press <Enter>.
5. Using the navigation arrows on the keyboard, navigate to the “Boot Menu” and press <Enter>. The console will display the available Boot parameters.




Aptio Setup Utility – Copyright (C) 2011 American
Main Advanced Chipset Boot Security Save & Exit
Boot Configuration
Bootup NumLock State [On]
Quiet Boot [Enabled]
Option ROM Messages [Keep Current]
Boot Option Priorities
Boot Option #1 [P0: SAMSUNG HD502H...]
[UEFI: VerbatimSTOR...]
Hard Drive BBS Priorities

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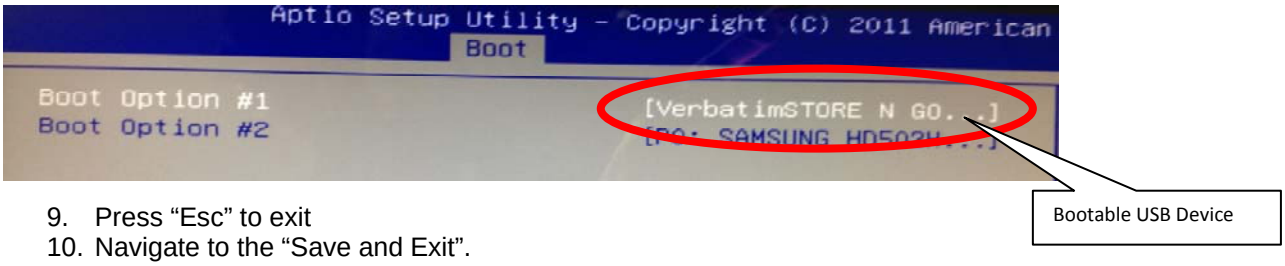
6. Navigate to “Hard Drive BBS Priorities” and press <enter>. The console will display the current boot device order.
7. Select “Boot Option #1” and press <Enter>. The console will display a list of the bootable devices it has found.
8. From this list highlight the device that is the USB FLASH drive you wish to boot from and press <Enter>.



9. Press “Esc” to exit
10. Navigate to the “Save and Exit”.

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11. The system will now ask you to save all settings. Select “Yes” and press <Enter>.

The system will now exit the BIOS menu and boot from the USB device.

There is no requirement to reverse this process when booting the console normally.

To install a Vista v2 Console Update package:

If Vista v2 has been previously installed on a console, it is possible to apply most new software updates via a smaller Vista v2 Console Update package. Major releases will still require a full .iso image installation. To install a Vista v2 Console Update, first download the update file onto a USB flash drive, or FTP the file into the /Vista v2/UserData/Updates directory on the console.

1. Boot the console into Vista v2.
2. If updating via USB stick, insert the USB stick into a console USB port.
3. Select File ➔ Quit Application. Wait for the System Settings dialogue to appear.
4. Click on ‘Apply Update’.
5. Click ‘Browse’.
6. If updating by USB, click on the USB flash drive in the list. If the file has been transferred via ftp, navigate to /Vista v2/UserData/Updates.
7. Select the desired update file.
8. Click “Open”.
9. The update package will appear on the left hand side of the dialogue. Click on the update package. The package contents are now inspected – wait until the cursor changes back from the hourglass.
10. Click ‘Apply Update’. The software will now install the update package. When complete, a new dialogue will appear, warning that the console must be rebooted for the update to take effect.
11. Click ‘OK’.
12. Click ‘Quit’. T and L series consoles will now power down, while I3 consoles will reboot.

Installation Instructions (T2, T4 & I3 Consoles)

If installing Vista V2 software on a Vista T2, T4 and I3 console for the first time, the hard-drive in these consoles must be re-imaged from CD or USB stick, using the Vista V2 Console Image file.

Warning! Installation of this software on a T2, T4 or I3 console will erase all saved shows and other data. You must manually backup or archive all your existing show data (the contents of the /data/

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directory) to an external storage device.

When T2 and T4 consoles start in Vista V2 for the first time the inbuilt Tablet / LCD and any additional monitors, touch screens or tablets may not be configured automatically. This may result in incorrect operation of the pen, and an upside-down display in some consoles. See the Known Issues section of these release notes for details on how to rectify this.

After installing the Vista V2 Console Image for the first time, subsequent Vista V2 Console Images can be applied with a “Re-use” option, which retains the existing hard-drive partitions, screen configurations, and User Data files. Also, application-only update packages can be applied using the Vista V2 Console Update files, and update package files for Vista 1.13.

To install the Vista V2 Console Image:

1. Download the latest Vista V2 Console Image file and burn it to a CD, or create a bootable USB drive. Instructions for how to create a bootable USB drive can be found in Appendix C of these release notes.
2. Insert the CD or bootable USB drive and restart the console. Note the BIOS settings in some older consoles may not have USB enabled as a boot device. If you have connected your bootable USB drive to your console, but the console still boots normally, please download the Vista T Series BIOS Restore Instructions from www.jandsvista.com and verify the BIOS settings are correct.
3. When the console is finished booting, the Console Software Installer will open. Note the Pen will not work during installation; use the touch pad or a mouse instead.
4. To install the dual boot software make sure that both the Vista1 and Vista2 check boxes are selected and click the Next button. The Confirm Installation window will open.
5. Select a Hard Disk to install to in the Target Disk Device box and select ‘Yes’ in the Proceed with Installation box.
6. Select ‘Initialise’ in the Partitions box, or if Vista V2 has been installed previously select ‘Re-use’, and click on the ‘Next’ button to start the installation. Note this will completely erase the hard disk – be sure you have already backed up any important data.
7. When the installation is complete, click the ‘Next‘ button
8. Click the finish button to eject the CD (if present) and shutdown the console. Remove the USB drive or CD from the console.
9. When the console has fully shut down, press the Power button to restart the console.

To install a Vista V2 Console Update package:

If Vista V2 has been previously installed on a console, it is possible to apply most new software updates via a smaller Vista V2 Console Update package. To install a Vista V2 Console Update, first download the update file onto a USB flash drive, or FTP the file into the /Vista V2/UserData/Updates directory on the console.

13. Boot the console into Vista V2.
14. If updating via USB stick, insert the USB stick into a console USB port.
15. Select File ➔ Quit Application. Wait for the System Settings dialogue to appear.
16. Click on ‘Apply Update’.

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17. Click ‘Browse’.
18. If updating by USB, click on the USB flash drive in the list. If the file has been transferred via ftp, navigate to /Vista V2/UserData/Updates.
19. Select the desired update file.
20. Click “Open”.
21. The update package will appear on the left hand side of the dialogue. Click on the update package. The package contents are now inspected – wait until the cursor changes back from the hourglass.
22. Click ‘Apply Update’. The software will now install the update package. When complete, a new dialogue will appear, warning that the console must be rebooted for the update to take effect.
23. Click ‘OK’.
24. Click ‘Quit’. T series consoles will now power down, while I3 consoles will reboot.

Unlike Vista 1.13, in Vista V2 there is no simple way to revert an update. If it becomes necessary to revert to a previous version the console must be re-imaged.

Installation Instructions (Windows XP, Windows Vista & Windows 7)

The Vista V2 software can be installed on a Windows PC running XP, Vista, or Windows 7. Both 32 and 64 bit versions of Windows are supported. The recommended PC should have an Intel i3 CPU, 2GB RAM, and 500MB disk space.

Note that if Vista 1.13 is to be run on the same machine, the Vista 1.13 version must be 5295 or later.

To install Vista V2 Windows Update files on a PC:

1. Close all open applications.
2. Disconnect/switch off all Jands Vista USB devices.
3. Launch the Vista V2 Windows Installer file. If an earlier version of Vista V2 is already installed on the PC, there’s no need to un-install it - simply install the new version over the top of the old one.
4. Click ‘Next’.
5. A location for the installed files is selected automatically. If required you can change the location. Click ‘Next’.
6. A location for the User Data folder (your show files etc) is selected automatically. If required you can change the location. Click Install.
7. When the installation is complete, click Finish.

Installation Instructions (Apple Mac)

The Vista v2 software can be installed on an Apple Mac running OSX Snow Leopard or later.

Note that if Vista 1.13 is to be run on the same machine, the Vista 1.13 version must be 5295 or later.

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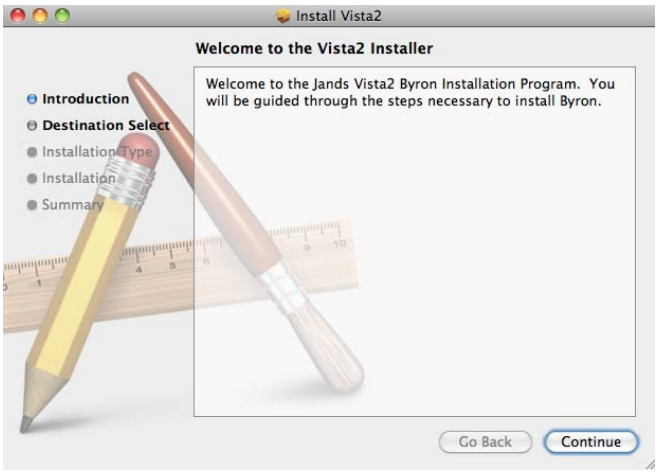
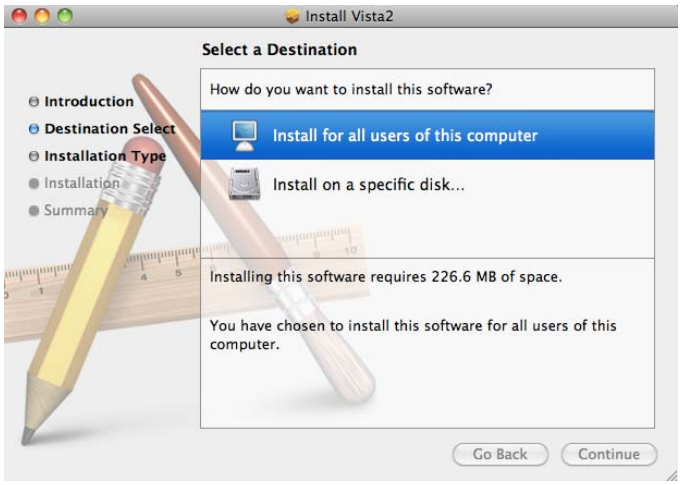
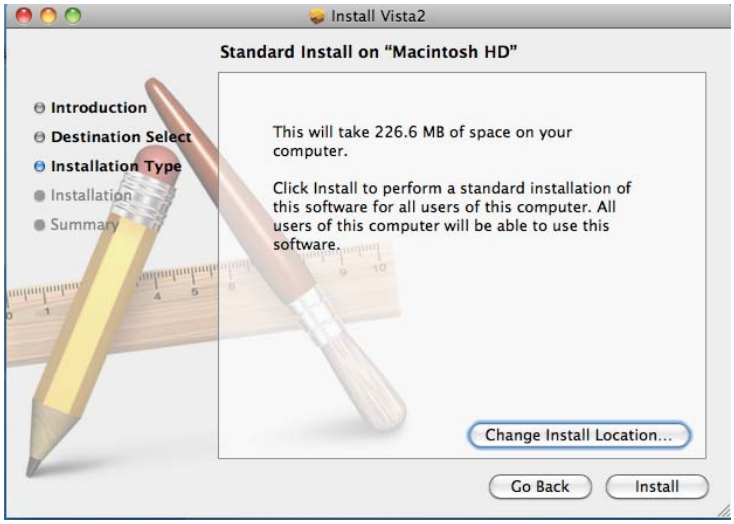
1. Double-click on the Mac installer package downloaded from www.jandsvista.com to launch the installation wizard
2. At the Introduction window, click "Continue"



3. If this is the first time you are installing Vista, you will be asked to Select a Destination for the installation. Click on "Install for all users of this computer", and then click "Continue"


Install Vista2
Select a Destination
Introduction
Destination Select
Installation Type
Installation
Summary
How do you want to install this software?
Install for all users of this computer
Install on a specific disk...
Installing this software requires 226.6 MB of space.
You have chosen to install this software for all users of this computer.
Go Back
Continue

4. At the Installation Type window, click "Install"


Install Vista2
Standard Install on "Macintosh HD"
Introduction
Destination Select
Installation Type
Installation
Summary
This will take 226.6 MB of space on your computer.
Click Install to perform a standard installation of this software for all users of this computer. All users of this computer will be able to use this software.
Change Install Location...
Go Back
Install

5. You may be prompted for a password. If so, enter your password and click "OK". If you

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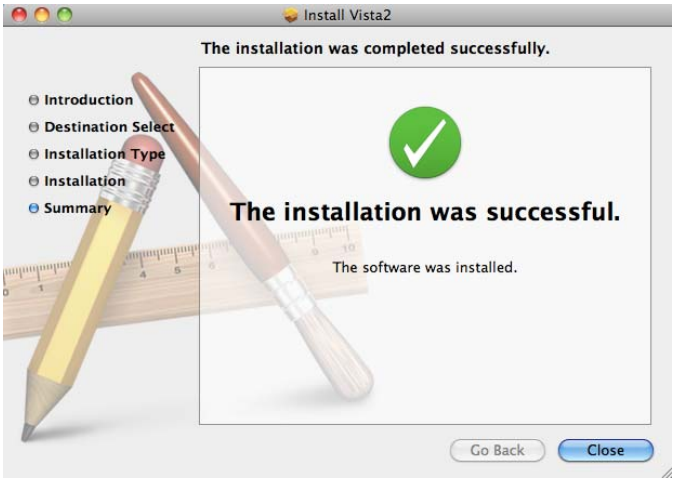
choose to install the application to a non-default location, please ensure that this location has full read and write permissions.

6. During the installation procedure, a Sentinel Runtime window will appear, to install software to operate the USB Security Dongle.

7. If you have previously installed the Sentinel Runtime, please skip this step. Otherwise:
    a. Double click on the "Install Sentinel Runtime Environment" icon to launch the installation wizard
    b. A notification will appear advising that this package will run a program to determine if the software can be installed. Click "Continue".
    c. At the Introduction window, click "Continue"
    d. At the License window, click "Continue"
    e. Ensure you read and agree to the terms of the software license, and click "Agree"
    f. At the Installation Type window, click "Install"
    g. At the Summary window, click "Close"



Your software has now been installed.

Common OSX Installation Problems

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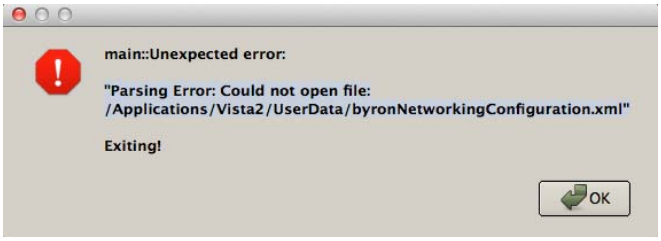
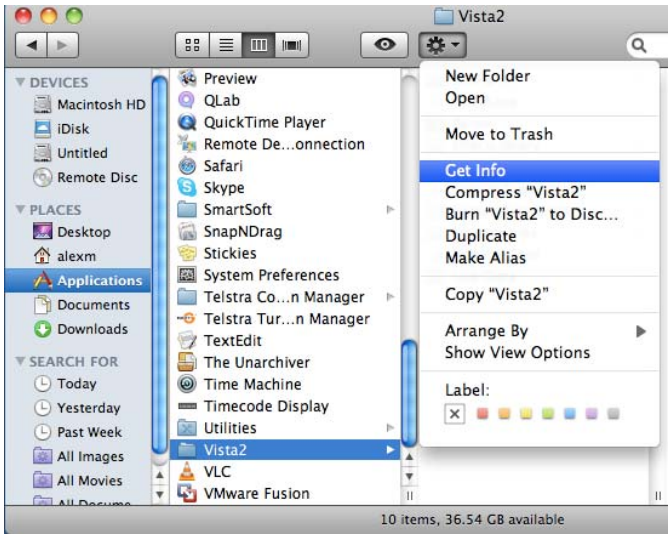
If the installation folder does not have the correct read and write permissions set, users will get the following error when running the application:-



To fix this problem:

1. Using “Finder” navigate to the Vista 2 folder.
2. Select the folder and press “Get Info”



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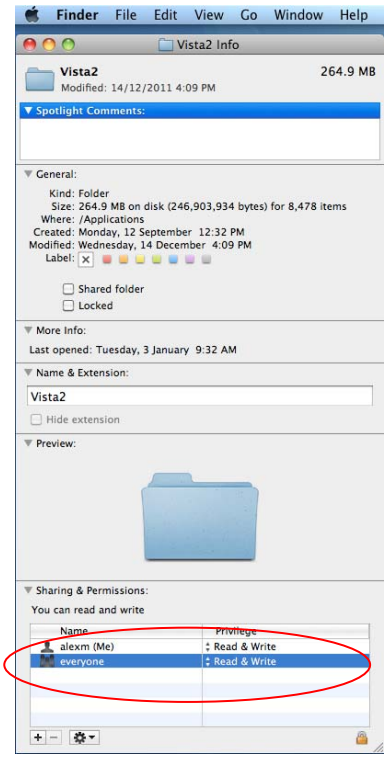
3. The folder will be illustrated as below:-



4. Highlight the user and change Privilege to “Read and Write”.
5. Click on the icon and then apply to all enclosed items by saying “Yes”.
6. Once this has been completed run the application again.
7. Some users find that the application may not run at this stage but it is then resolved by running the whole installation process again.

Known Issues

Bug 3844: Tablet in T2 and T4 consoles is not automatically configured after re-imaging to Byron software

When T2 and T4 consoles start in Byron for the first time the inbuilt Tablet / LCD and any additional monitors, touch screens or tablets are not configured automatically. This will result in incorrect operation of the pen, and an upside-down display in some consoles. To configure the displays:

1. Using a mouse or the inbuilt trackpad, select File > Quit Application
2. In the System Settings dialogue that appears, click on “Display and Input Devices”
3. Choose the main Tablet / LCD type from the Screen #0 drop down. Normally this will be Wacom PL550 for V1 consoles or Wacom DTI520 for V2 or V3 consoles
4. Choose the external monitor 1 type, if connected, from the Screen #1 drop down. Byron supports the following monitors:
    a. Wacom pen tablet models PL550, used in version 1 consoles,
    b. Wacom DTI520 used in version 2 consoles.
5. ELO touch monitor “Intellitouch” models eg ET1715L.
6. Choose the external monitor 2 type, if connected, from the Screen #2 drop down.

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7. Click OK to reset the graphics system

Bug 4534: OSX Tracking Backup Network Issues

There are a number of instances where network conflicts can arise when using tracking backup on OSX platform. These are particularly prevalent when the system has an active Airport adaptor. These can be eliminated by ensuring Airport is disabled in your system.

Jands recommends disabling Airport before using Tracking Backup.

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Appendix A: Creating a Bootable USB Drive

Major upgrades, that require the console's hard drive to be erased, can be installed from a suitably formatted USB device. To create a USB FlashDrive that can be used to reinstall the operating system and Vista software on a T or I series console follow the steps below.

Using a PC

To use a USB flashdrive to boot the console and re-install the software, the drive needs to be 2GB or larger and it has to be converted into a Linux system disk. This procedure will erase all data on the FLASH drive and format it.

Once the FLASH drive has been converted, or if you have the original USB flashdrive supplied with your I3, you can use it for future updates. In this case please skip to step 4.

To convert the flash drive to a Linux System disk:

1. Some FLASH drives come with pre-installed software to help users manage the files on the drive. Uninstall this software.

2. Right-click on the USB Flash drive and selecting the 'Format' option from the popup menu. Take care that you have selected the Flash drive. If you select your computer's hard disk by mistake, you could erase it completely. Ensure the File System option is set to "FAT32" before clicking the 'Start' button.

3. Download and install a ISO file extractor program such as WinRAR. WinRAR is available from `http://www.rarlab.com`

4. Download the latest console ISO installer.

5. Open the console ISO image file with WinRAR.

6. Extract all of the files and directories within the ISO file to a temporary directory on your hard drive, for example to c:\temp\iso_extract. After the files have been extracted the directory should look something like the figure below:

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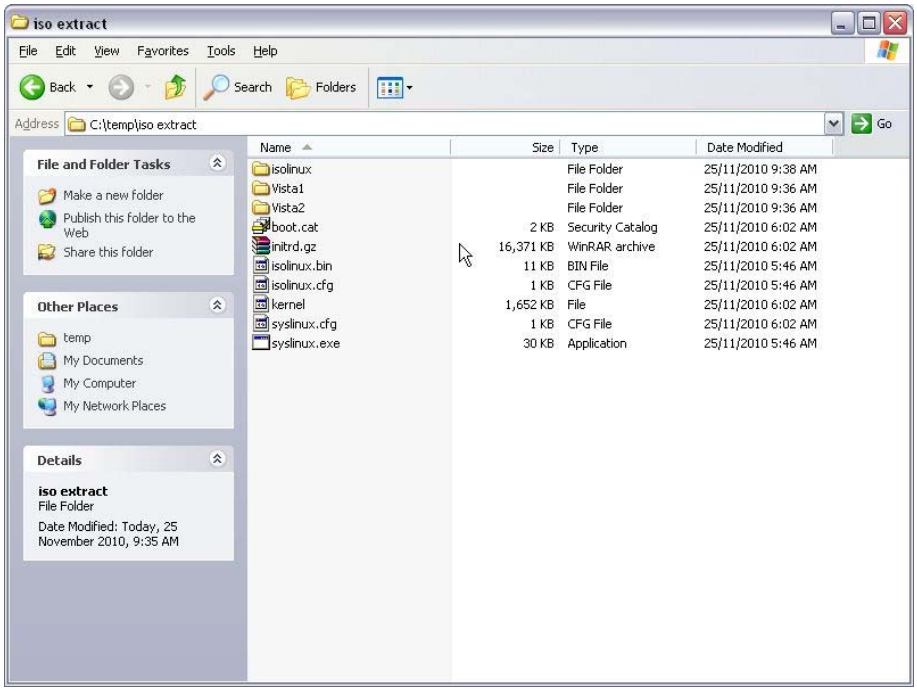
iso extract
File Edit View Favorites Tools Help
Back Search Folders
Address C:\temp\iso extract
Go
File and Folder Tasks
Make a new folder
Publish this folder to the Web
Share this folder
Other Places
temp
My Documents
My Computer
My Network Places
Details
iso extract
File Folder
Date Modified: Today, 25 November 2010, 9:35 AM
Name Size Type Date Modified
isolinux File Folder 25/11/2010 9:38 AM
Vista1 File Folder 25/11/2010 9:36 AM
Vista2 File Folder 25/11/2010 9:36 AM
boot.cat 2 KB Security Catalog 25/11/2010 6:02 AM
initrd.gz 16,371 KB WinRAR archive 25/11/2010 6:02 AM
isolinux.bin 11 KB BIN File 25/11/2010 5:46 AM
isolinux.cfg 1 KB CFG File 25/11/2010 5:46 AM
kernel 1,652 KB File 25/11/2010 6:02 AM
syslinux.cfg 1 KB CFG File 25/11/2010 6:02 AM
syslinux.exe 30 KB Application 25/11/2010 5:46 AM

7. Close the ISO file extractor.

8. Using a file manager, navigate to the `isolinux` directory of the extracted files, for example navigate to `c:\temp\iso_extract\isolinux`.

9. Copy all of the files from the `isolinux` directory to the 'root' of the extracted files eg from `c:\temp\iso_extract\isolinux` to `c:\temp\iso_extract.`

10. Copy all of the files and directories from the temporary directory eg `c:\temp\iso_extract` onto the root of the FLASH drive. Keep all files in the directories they were uninstalled in. This step takes a significant amount of time. When the copy is complete, the drive directory should look similar to the previous Figure.

11. Note the drive letter assigned to the Flash drive by Windows, e.g. 'E'. Open a command prompt and using this drive letter, type the following:

    ```
    [Flash Drive letter]:syslinux –ma [Flash Drive letter]: –f
    ```

    For example:

    ```
    E:syslinux –ma E: -f
    ```

    The FLASH Drive is now ready for use. Don't forget to eject the drive using the normal Windows procedure.

    Please note: if using Windows 7 please ensure that you are running the command prompts as administrator. This is different to having administrator rights on a Win7 machine. To do this:-

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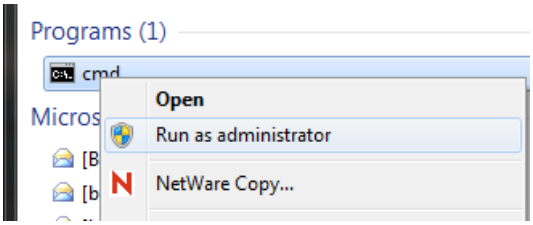
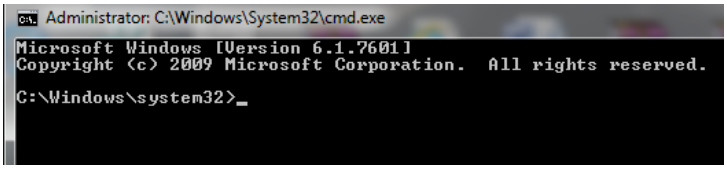
- *open the command prompt*
- *right click on the 'cmd' icon*

- *Select 'Run as Administrator'*



- *The command window will indicate status in top left corner*



- *Then type the commands as instructed above.*

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Appendix B: Using S3, S1, E2 or M1 consoles with both Vista V2 and Vista 1.13

Using S3, S1 & M1

If Vista V2 is to be used on the same PC as Vista 1.13, Vista 1.13 must be version 5295 or later. Installations of both Vista V2 and Vista 1.13 may be installed on the same computer, but only one can be running at any one time.

Disconnect all Jands Vista USB devices before installing the new version of Vista 1 and Vista V2. Once both programs are installed, follow the procedures below to switch USB consoles between the two applications

To change from Vista 1.13 to Vista V2 (ie upgrade):

1. Exit Vista.
2. Disconnect or switch off any Jands USB consoles.
3. Launch Vista V2.
4. Reconnect or switch on the USB consoles.

To change from Vista V2 to Vista 1.13 (ie revert):

1. Exit Vista V2.
2. Disconnect or switch off any Jands USB consoles.
3. Launch Vista.
4. Press and hold the yellow and red modifiers on each USB console.
5. Reconnect or switch on the USB consoles.

Updating firmware on an E2 and L5

Hold the 3rd and 4th buttons as illustrated when switching between application versions.

Diagnosing USB Driver Problems:

If your USB consoles fail to switch between Vista V2 and Vista 1.13 using the procedures above, there may be an issue with the USB driver versions.

The driver that Windows associates with a port/device combination can be found as follows:

1. Plug in the device and turn it on.

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2. Go into Start -> Control Panel -> System -> Hardware tab -> Device Manager. A Jands Vista product that's been found will appear under "Jands LibUSB-Win32 Devices" – click on the "+" next to it to open it.
3. Right click on the device and select Properties -> Driver tab. The correct driver version for Vista V2 and Vista 1.13(5295) is "1.12.1.0".

If the loaded driver is not this version neither Vista V2 and Vista 1.13(5295) will not work with it. To replace the driver:

1. Plug in the device and turn it on.
2. Go into Start -> Control Panel -> System -> Hardware tab -> Device Manager. A Jands Vista product that's been found will appear under "Jands LibUSB-Win32 Devices" – click on the "+" next to it to open it.
3. Right click on the device and select Uninstall. Follow the prompts.
4. Remove the USB device.
5. Reboot the computer.
6. Install the most recent version of Vista V2. If Vista V2 runs at the end of the installation, exit Vista V2.
7. Plug in the USB device. After a few moments the computer should display the "Found new hardware" dialogue.
8. When Windows asks "Can Windows connect to Windows Update to search for software" select "No, not this time" and click Next.
9. When Windows asks about the installation CD select "Install from a list or specific location [Advanced]" and click Next.
10. When Windows asks you to choose your search and installation options select "Don't search. I will choose the driver to install" and click Next.
11. Select a driver that includes the text "1.12.1.0 [13/07/2010]" and click Next.
12. Click Finish.
13. Verify correct operation.

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